



PTO/SB/08A (08-00)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 6

Application Number	10/624,151
Filing Date	July 21, 2003
First Named Inventor	Yaron Keidar
Group Art Unit	3739
Examiner Name	Vrettakos
Attorney Docket Number	BIO-5015NP

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			
JV		4,449,528		Auth et al.	05-22-84	
		4,522,205		Taylor et al.	06-11-85	
		4,569,801		Molloy et al.	02-11-86	
		4,641,649		Walinsky et al.	02-10-87	
		4,662,368		Hussein et al.	05-05-87	
		4,672,962		Hershenson	06-16-87	
		4,673,563		Berne et al.	06-16-87	
		4,676,258		Inokuchi et al.	06-30-87	
		4,790,311		Ruiz	12-13-88	
		4,807,620		Strul et al.	02-28-89	
		4,898,591		Jang et al.	02-06-90	

FOREIGN PATENT DOCUMENTS

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		Office ³ KindCode ⁵	Number ⁴					
JV		WO	93/20767	A1	EP Technologies, Inc.	10-28-1993		
		WO	94/21165	A1	EP Technologies, Inc.	09-29-1994		
		WO	96/10961	A1	EP Technologies, Inc.	04-18-1996		

Examiner Signature		Date Considered	5-22-05
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Sheet 2 of 6

Application Number	10/624,151
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First Named Inventor	Yaron Keidar
Group Art Unit	3739
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		Number	Kind Code ² (if known)			
[Signature]		4,998,933		Eggers et al.	03-12-91	
		5,035,694		Kasprzyk et al.	07-30-91	
		5,078,736		Behl	01-07-92	
		5,104,393		Isner et al.	04-14-92	
		5,178,618		Kandarpa	01-12-93	
		5,190,540		Lee	03-02-93	
		5,226,430		Spears et al.	07-13-93	
		5,292,321		Lee	03-08-94	
		5,348,554		Imran et al.	09-20-94	
		5,423,811		Imran et al.	06-13-95	
		5,427,119		Swartz et al.	06-27-95	

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		Office ⁴ KindCode ⁵	Number ⁴					
[Signature]		WO	96/26675	A1	Boston Scientific Corporation	09-06-1996		
		WO	96/32897	A1	Jawahar M. Desai	10-24-1996		
		WO	97/32525	A1	Cardia Pathways Corp.	09-12-1997		
		WO	97/37607	A2	Cardima, Inc.	10-16-1997		

Examiner Signature	[Signature]	Date Considered	5-22-05
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Sheet 3 of 6

Application Number	10/624,151
Filing Date	July 21, 2003
First Named Inventor	Yaron Keidar
Group Art Unit	3739
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		Number	Kind Code ² (if known)			
[Signature]		5,449,380		Chin	09-12-95	
		5,487,385		Avitall	01-30-96	
		5,497,119		Tedrow et al.	03-05-96	
		5,505,730		Edwards	04-09-96	
		5,545,161		Imran	08-13-96	
		5,545,193		Fleischmann et al.	08-13-96	
		5,549,661		Kordis et al.	08-27-96	
		5,558,672		Edwards et al.	09-24-96	
		5,562,720		Stern et al.	10-8-96	
		5,564,440		Swartz et al.	10-15-96	
		5,569,241		Edwards	10-29-96	

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		Office ³ Kind Code ³	Number ²					
[Signature]		WO	98/02201	A1	Cardiac Pathways Corp.	01-22-1998		
		WO	99/00064	A1	Daig Corporation	01-07-1999		
		WO	99/02096	A1	The Regents of the University of California	01-21-1999		
		WO	01/68173	A3	Boston Scientific Limited	09-20-01		

Examiner Signature	[Signature]	Date Considered	5-22-05
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Sheet 4 of 6

Application Number	10/624,151
Filing Date	July 21, 2003
First Named Inventor	Yaron Keidar
Group Art Unit	3739
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		Number	Kind Code ² (if known)			
JW		5,575,766		Swartz et al.	11-19-96	
		5,575,788		Baker et al.	11-19-96	
		5,575,810		Swanson et al.	11-19-96	
		5,582,609		Swanson et al.	12-10-96	
		5,617,854		Munsif	4-8-97	
		5,658,278		Imran et al.	4-19-97	
		5,687,723		Avital	11-18-97	
		5,688,267		Panescu et al.	11-18-97	
		5,697,927		Imran et al.	12-16-97	
		5,702,438		Avital	12-30-97	
		5,722,403		McGee et al.	3-3-98	

FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind Code ⁵				

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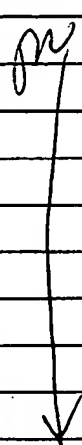
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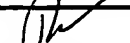
Application Number	10/624,151
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		Number	Kind Code ² (if known)			
		5,769,846		Edwards et al.	6-23-98	
		5,938,660		Swartz et al.	8-17-99	
		5,971,983		Lesh	10-26-99	
		6,012,457		Lesh	1-11-00	
		6,024,740		Lesh et al.	2-15-00	
		6,117,101		Diederich et al.	9-12-00	
		4,938,217		Lee	07-03-90	
		5,295,484		Marcus	03-22-90	
		5,590,657		Cain et al.	01-07-97	

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		Office ³	Number ⁴	Kind Code ⁵				


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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 6 of 6	Application Number	10/624,151
	Filing Date	July 21, 2003
	First Named Inventor	Yaron Keidar
	Group Art Unit	3739
	Examiner Name	Vrettakos
	Attorney Docket Number	BIO-5015

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		"Percutaneous Laser Balloon Coagulation of Accessory Pathways, by Linda P. McMath, et al., Proceedings of Diagnostic and Therapeutic Cardiovascular Interventions, pp 165-171, January 20-22, 1991.	
		"Long-term Effects of Percutaneous Laser Balloon Ablation from the Canine Coronary Sinus", by Claudio D. Schuger, MD, et al.; Circulation Vol. 86, No. 3, September, 1992.	
		"Induction of Hyperthermia Using an Intracavitary Multielement Ultrasonic Applicator", by Chris I. Diederich and Kullervo Hynynen, Transactions on Biomedical Engineering, Vol. 36, No. 4, pp 432-438, April, 1989.	
		"A Focal Source of Atrial Fibrillation Treated by Discrete Radiofrequency Ablation," Pierre Jais, MD, et al., Circulation Vol. 95, No. 3, February 4, 1997, pp 572-576.	
		"The Development of Intracavitary Ultrasonic Applicators for Hyperthermia: A Design and Experimental Study", C.J. Diederich et al., Medical Physics, Vol. 17, No. 4, pp 626-634 Jul/Aug 1990.	
		NASPE 17 th Annual Scientific Sessions Abstract Form, Bialtrial Dimensions Relevant to Catheter Ablation, Pierre Jais, MD, et al., December 1, 1995.	
		"Right and Left Atrial Radiofrequency Catheter Therapy of Paroxysmal Atrial Fibrillation", Michel Haissaguerre, MD, et al., Journal of Cardiovascular Electrophysiology, Vol. 7, No. 12, pp1133-1144, December 1996.	
		"Nonpharmacologic Management, Catheter Ablation", Gerhard Hindricks, MD, et al., Current Management of Arrhythmias, pp 373-378, 1991.	
		"The Surgical Treatment of Atrial Fibrillation. I. Summary" Cox, J.L. et al., Thoracic and Cardiovascular Surgery 101(3), pp 402-405 (1991).	
		"The Surgical Treatment of Atrial Fibrillation. Cox, J.L., et al., IV Surgical Technique", Thoracic and Cardiovascular Surgery 101(4), pp 584-592 (1991).	
		"Simple Left Atrial Procedure for Chronic Atrial Fibrillation Associated with Mitral Valve Disease", Sueda et al. 1996.	
		"Feasibility of RF Powered Thermal Balloon Ablation of Atrioventricular Bypass Tracts via the Coronary Sinus: In vivo Canine Studies," PACE, Fram et al., Vol. 18, p 1518-1530 (1995).	
	"Laser Machining of High Density Two-Dimensional Ultrasound Arrays", Corbett et al., MicroSound Systems, Inc, 349*25 SE Douglass Street, Snoqualmie, WA 98065		

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